

DIRECTLY TRANSFERRING TRANSMIT
DATA IN AN EMBEDDED ADAPTER

Abstract of the Disclosure

In accordance with one embodiment of the present invention, an Ethernet device may receive data directly from a host memory without intervening storage in an
5 embedded memory. This may improve system performance. The embedded memory may include a transmit descriptor ring and a transmit data buffers with pointers that point from the transmit descriptor ring to the locations of the data. If the data to be transferred is of a larger size than the
10 size of an Ethernet packet, data can be broken up and spread into more than one packet for transmission.